

#4

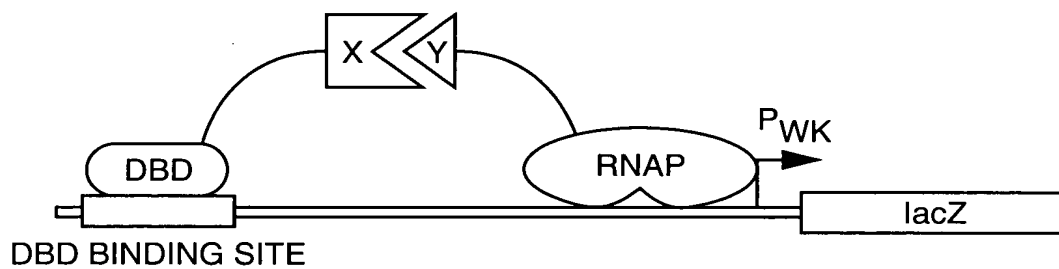


FIG. 1A

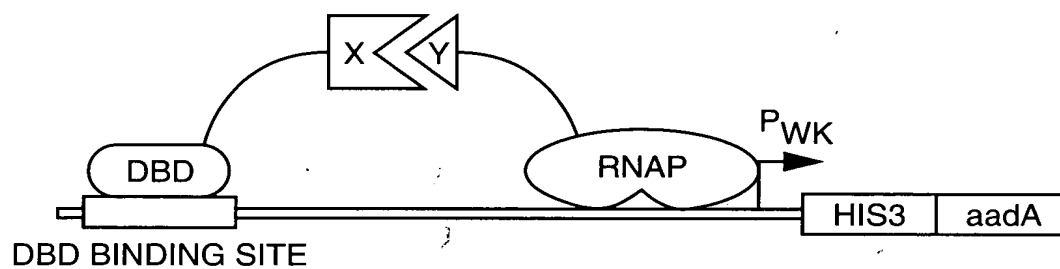


FIG. 1B

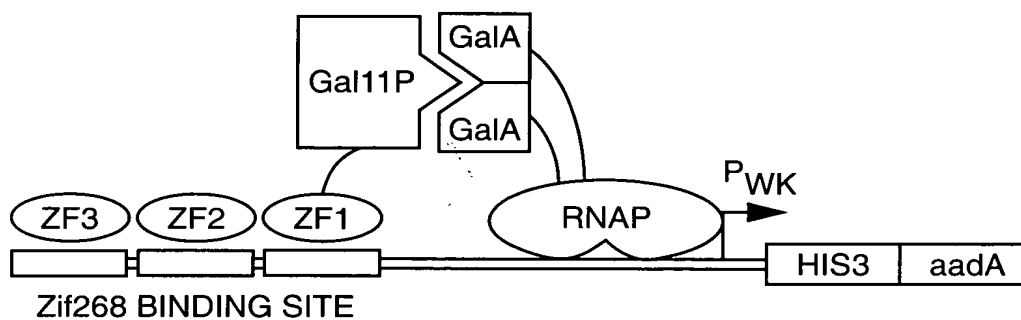


FIG. 1C

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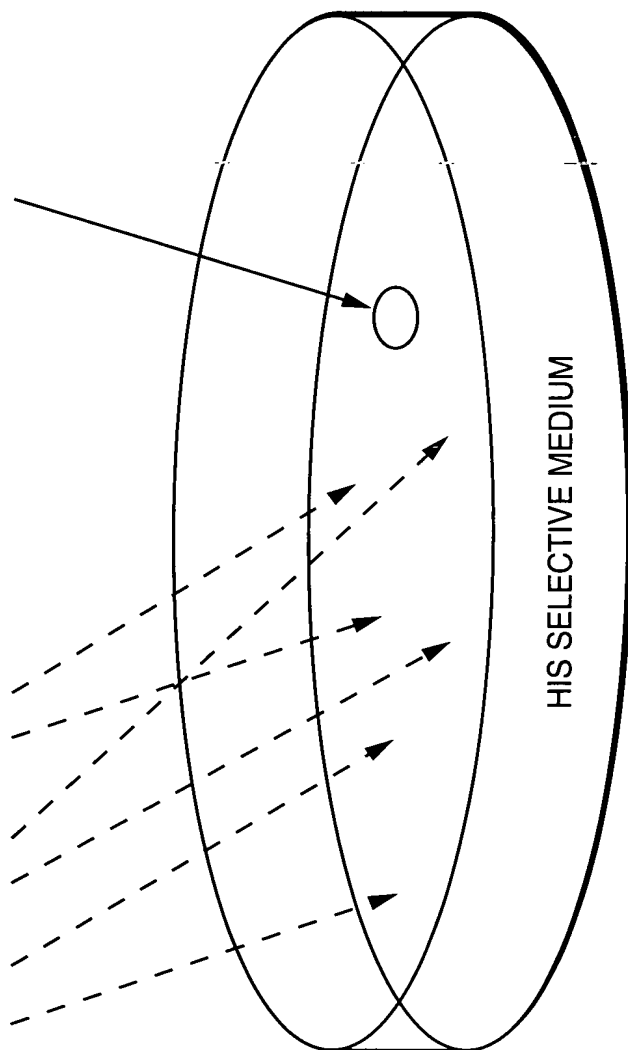
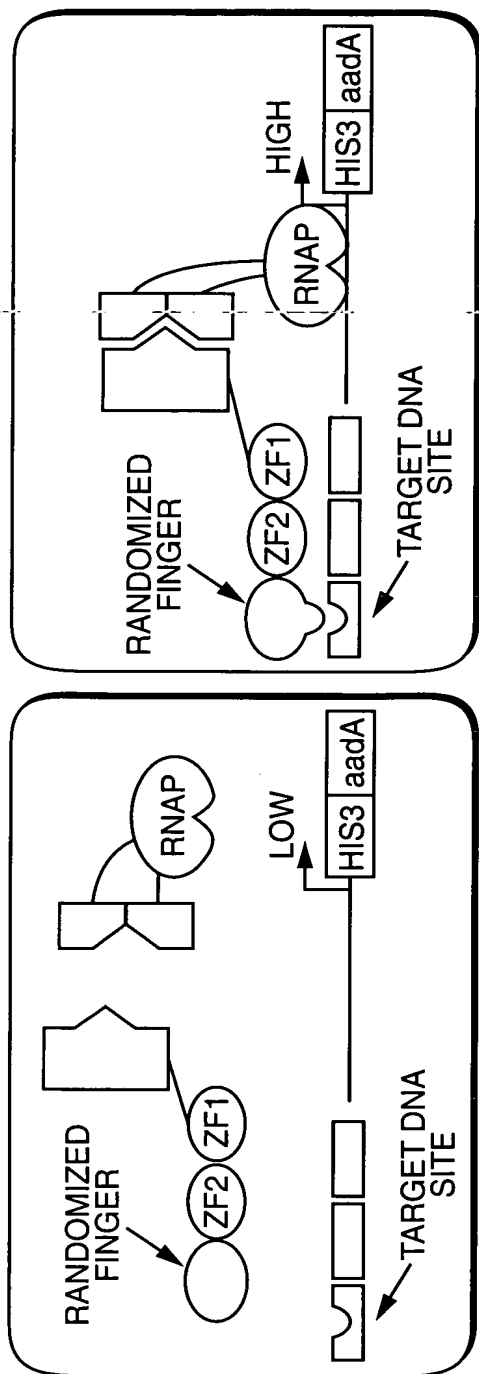


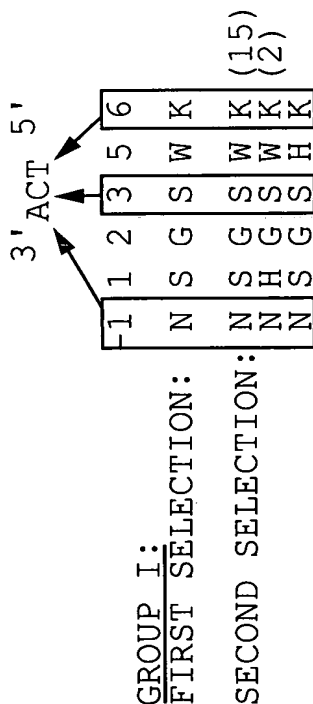
FIG. 2

[illegible]

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204020" 22200000



PHAGE DISPLAY
CONSENSUS:

T - T N - S

FIG. 3C

FROM THE
TATA SELECTION:

-1	1	2	3	5	6
R	R	W	L	K	L
R	K	W	L	K	L

FROM THE
p53 SELECTION:

R	K	W	L	R	L
R	K	W	L	R	L
R	K	W	L	R	L
R	K	W	L	R	L

FROM THE
NRE SELECTION:

R	K	W	L	R	L
R	K	W	L	R	L
R	K	W	L	R	L

FIG. 3D

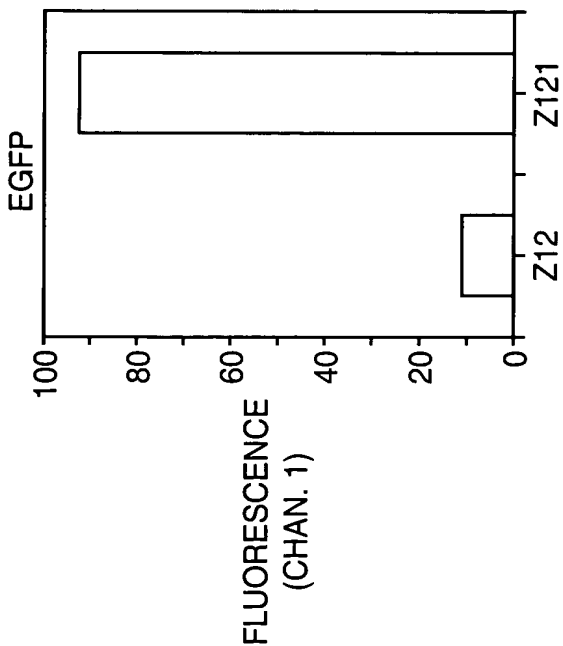


FIG. 4A

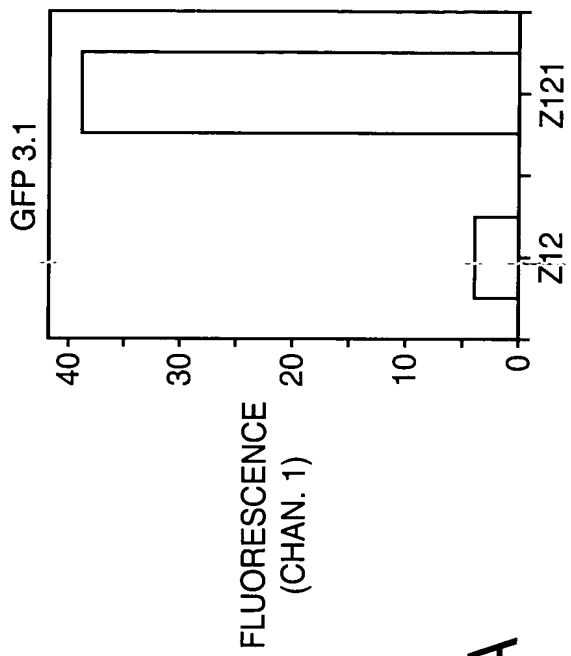


FIG. 4B

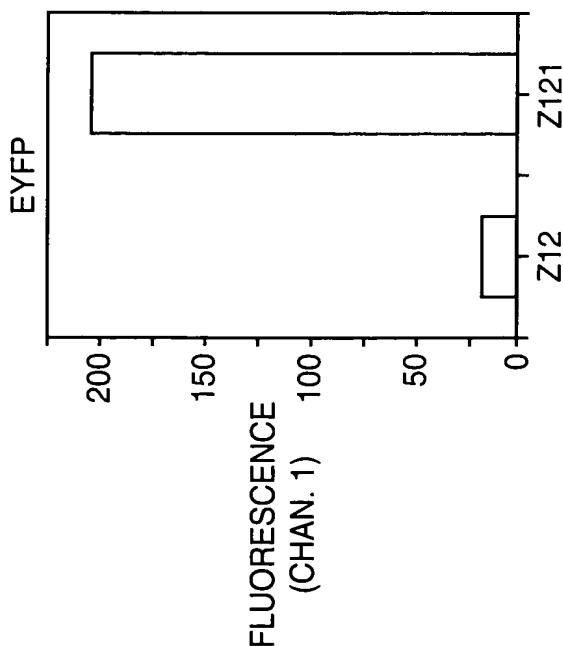


FIG. 4C

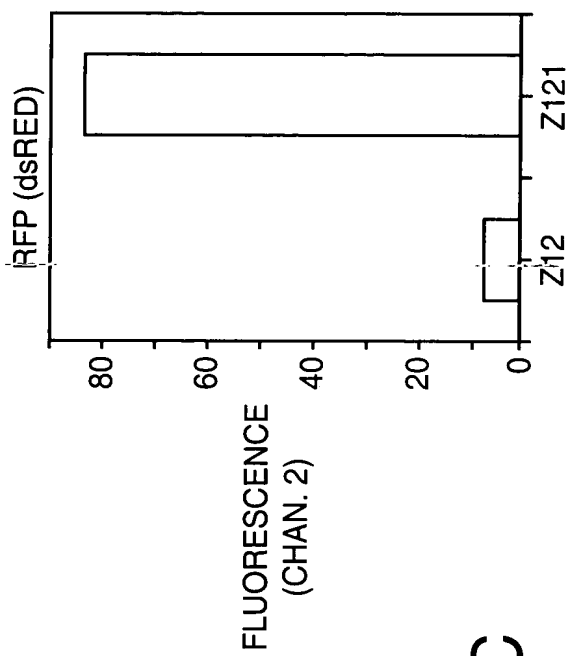
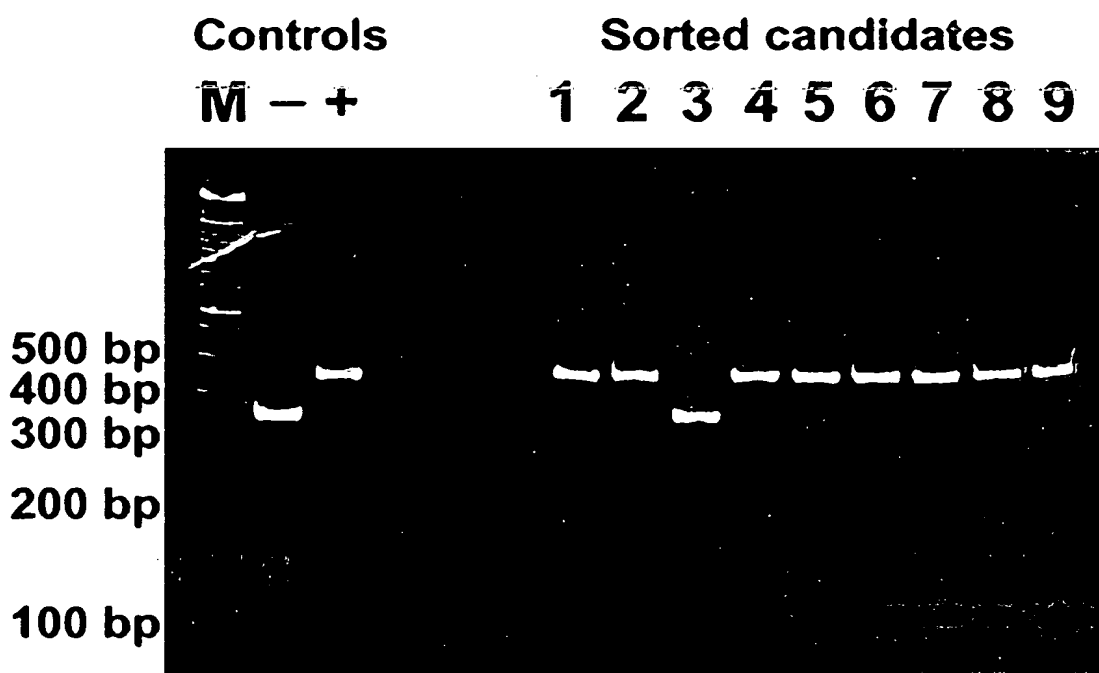


FIG. 4D



00990762 020402 204020 29705550

**Fig. 5**

20100201 29206660

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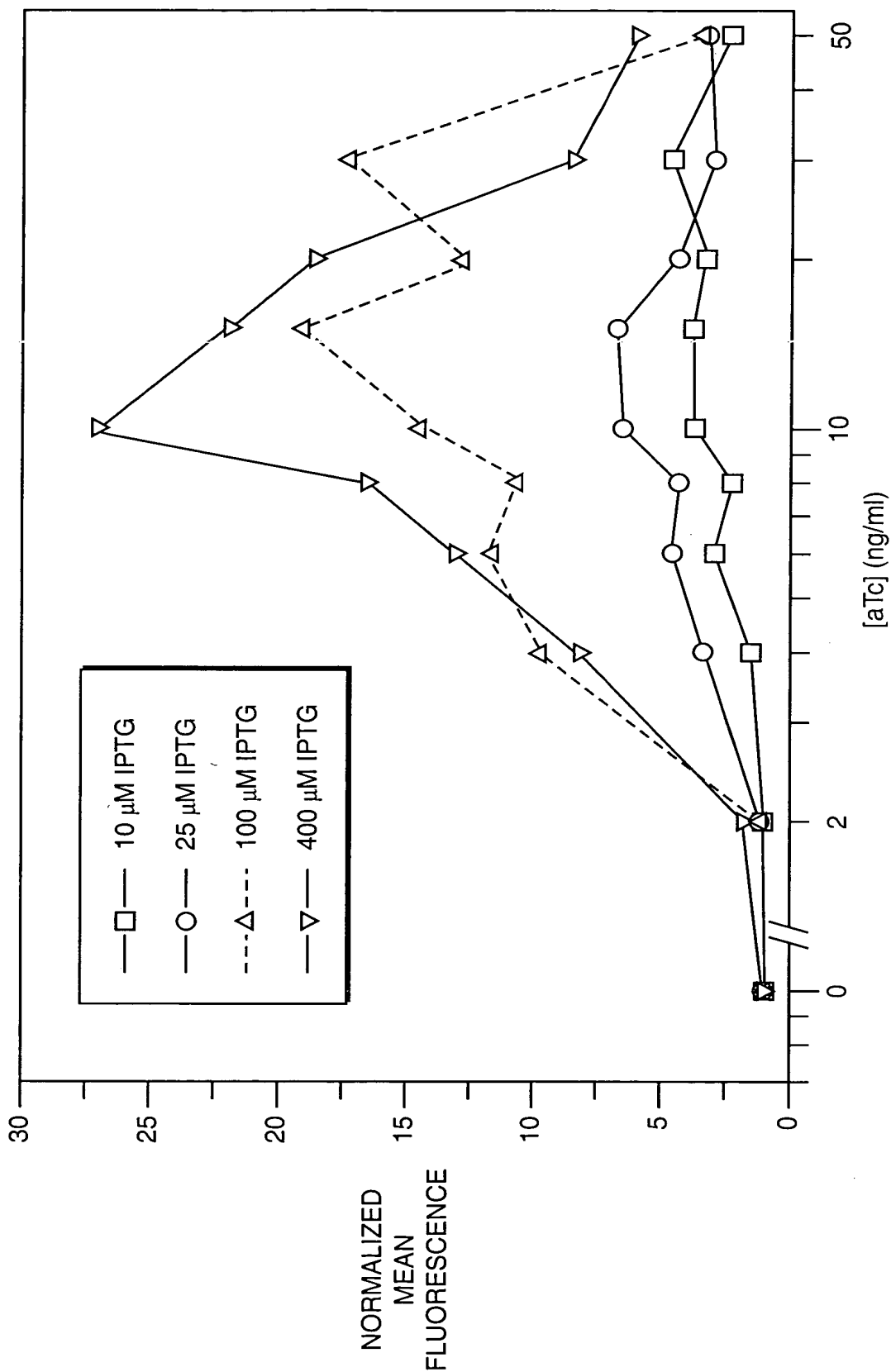
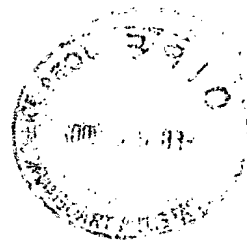


FIG. 6

20140201 222205540

REPORTER CONSTRUCT #2

REPORTER CONSTRUCT #1

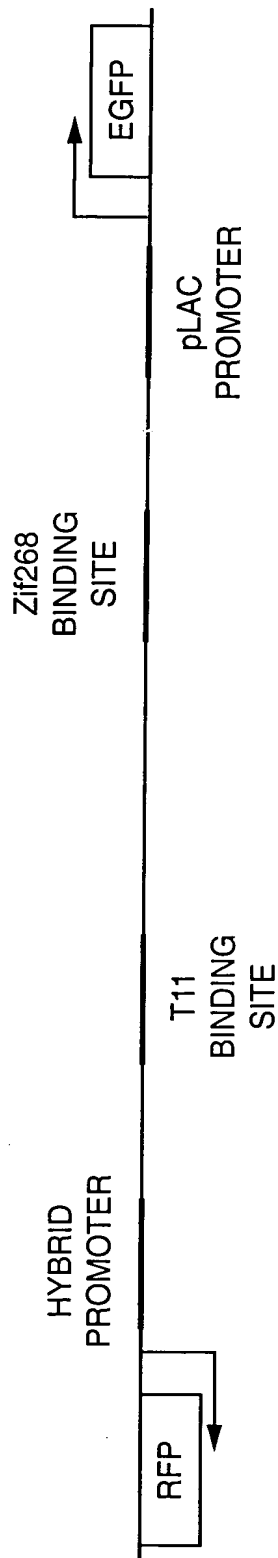
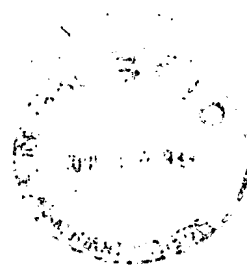


FIG. 7



0990752.020402

FIG. 8A

TWO-COLOR
REPORTER +
Gal11P-T11
PROTEIN

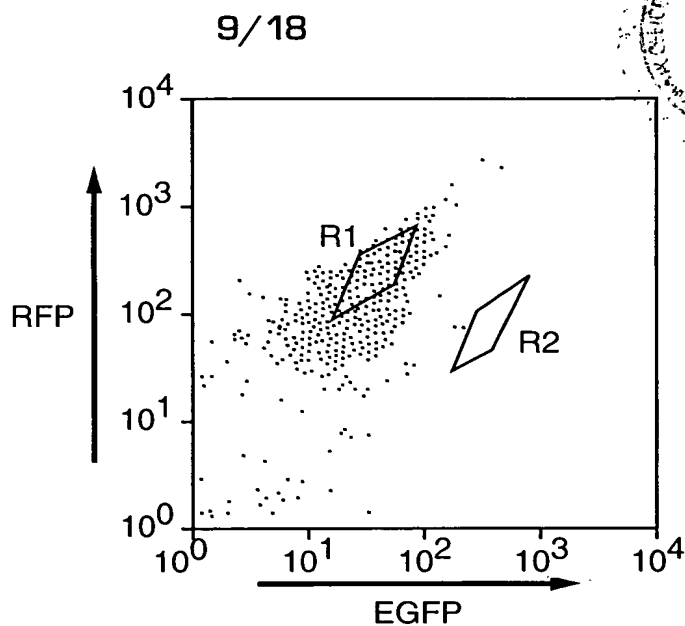


FIG. 8B

TWO-COLOR
REPORTER +
Gal11P-Zif268
PROTEIN

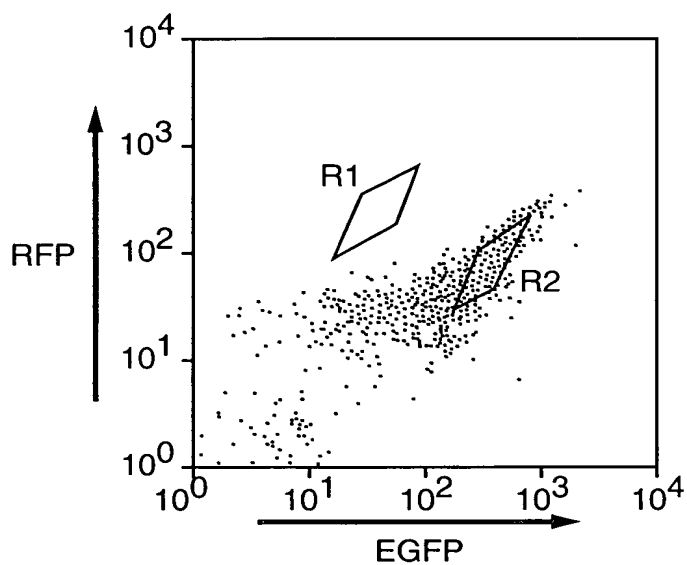
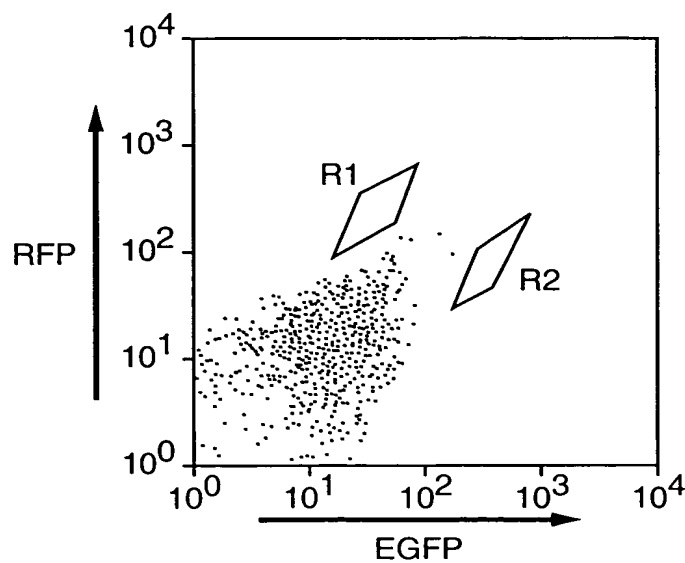


FIG. 8C

TWO-COLOR
REPORTER +
Gal11P-Z12
PROTEIN



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P53^{ZF} *IN VITRO* SITE SELECTION CONSENSUS SEQUENCE:

CXGGACACGTX

(WHERE X = NO CLEAR PREFERENCE)

IN VIVO SITE SELECTION LIBRARY

CGGGANNNNNG

(WHERE N = A MIXTURE OF A, G, C, AND T)

SELECTED CLONES:

SEQUENCE	# OF CLONES
CGGGAC <u>ACGT</u> G	9
CGGGAC <u>ATGT</u> G	5
CGGGAC <u>ACGG</u> G	2

SEQUENCE	FOLD ACTIVATION
CGGGAC <u>ACGT</u> G	18.6 ± 2.7
CGGGAC <u>ATGT</u> G	12.0 ± 0.5
CGGGAC <u>ACGG</u> G	12.6 ± 1.9

FIG. 9

09990762-1320402

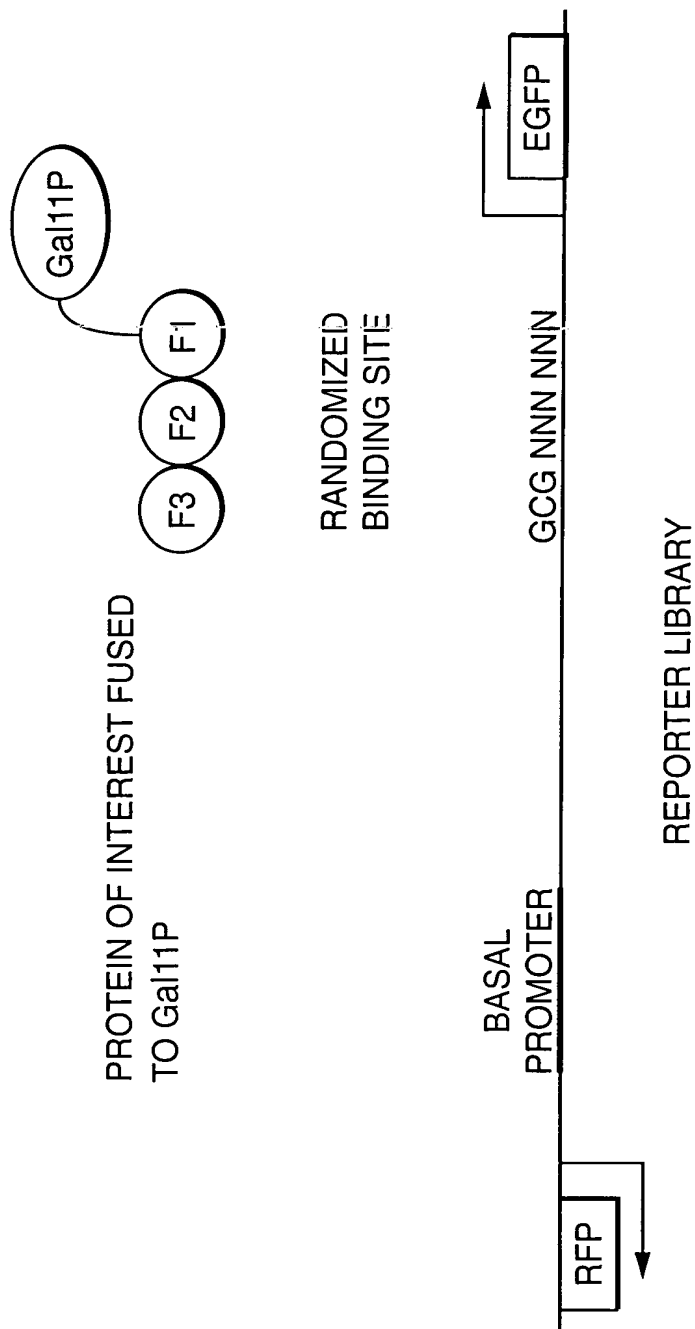


FIG. 10



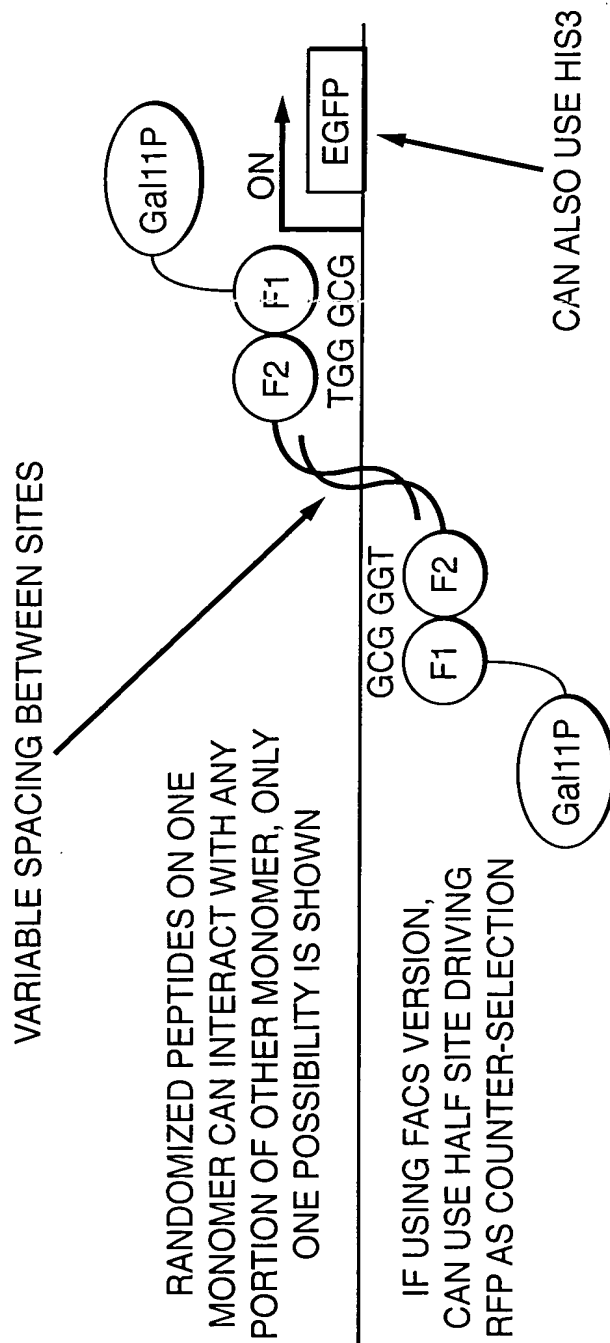
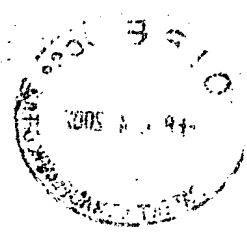


FIG. 11

20140201 29206666

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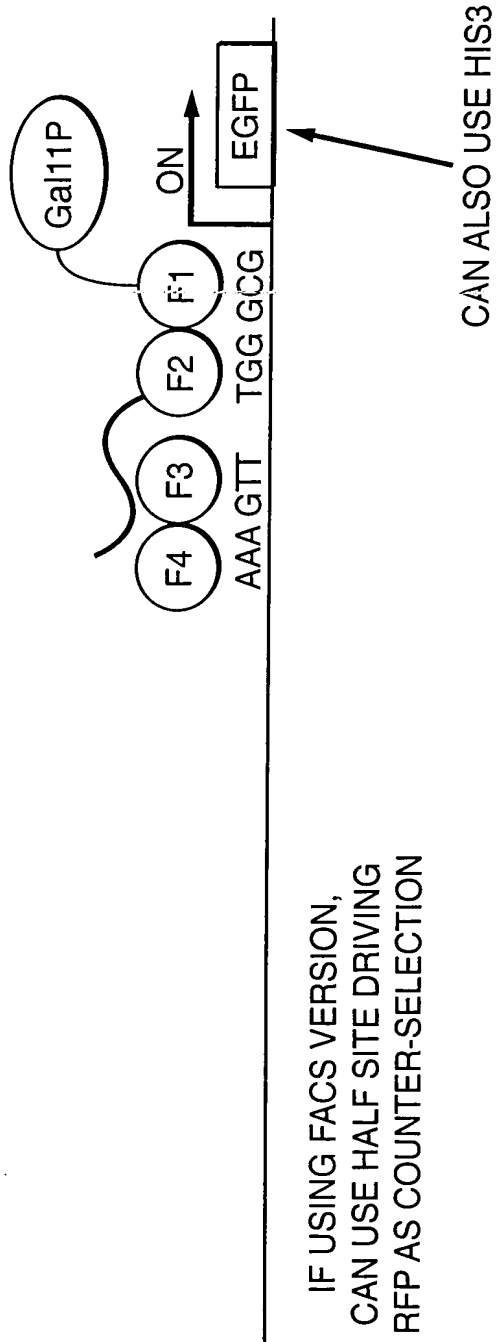
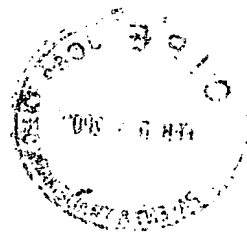


FIG. 12

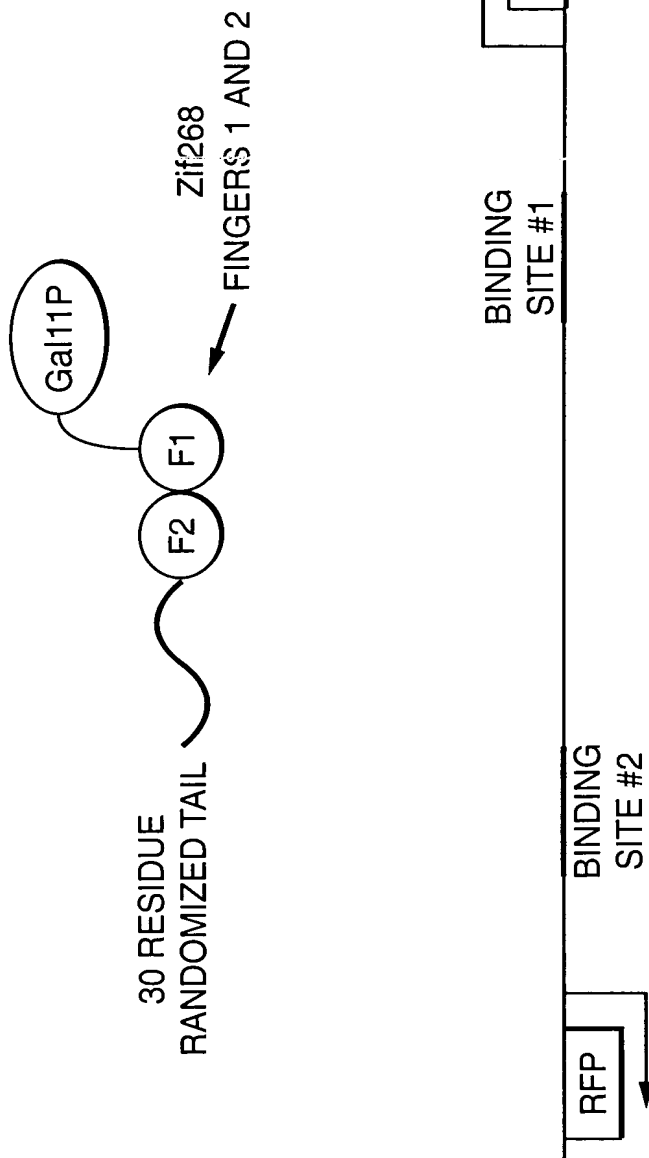


FIG. 13



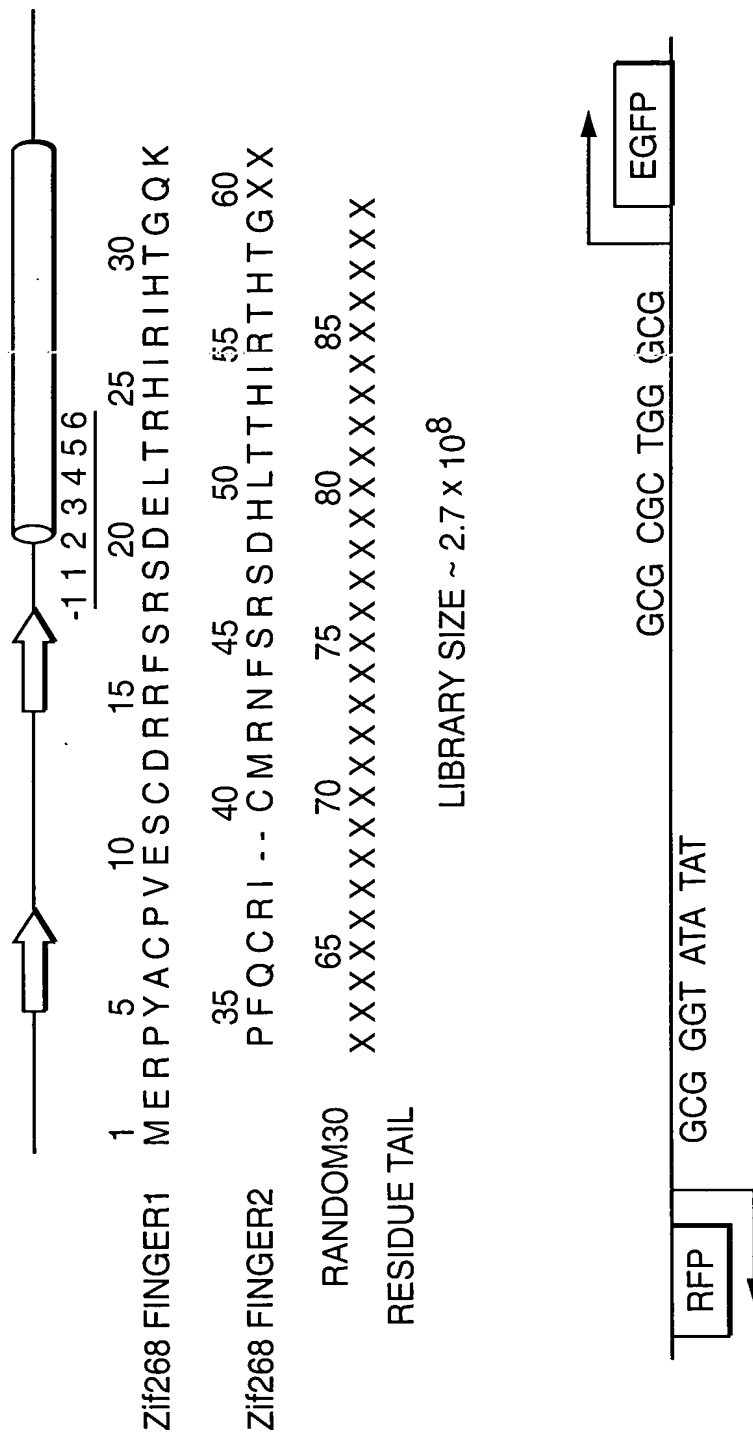


FIG. 14



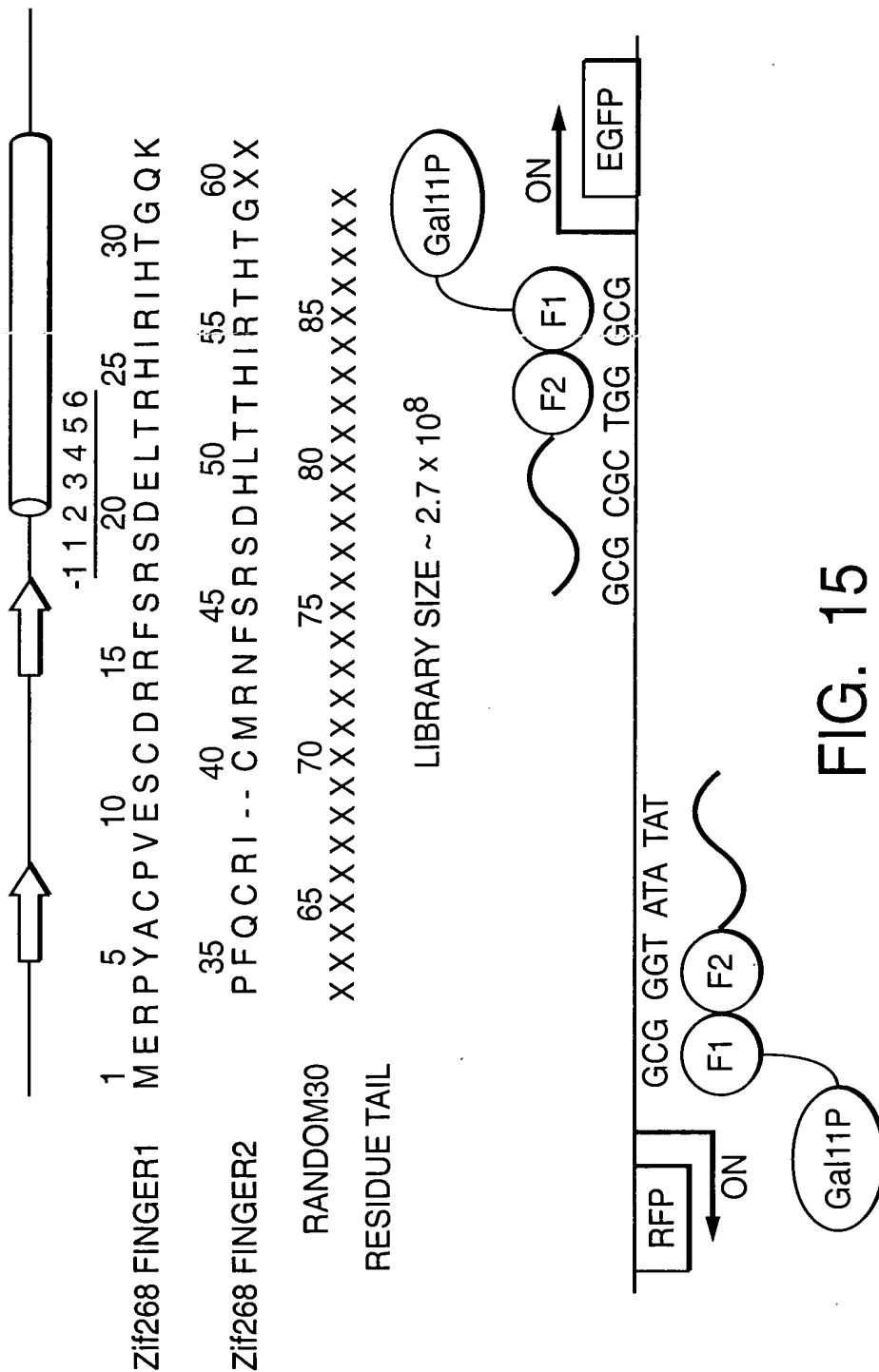


FIG. 15

204920" 29206660

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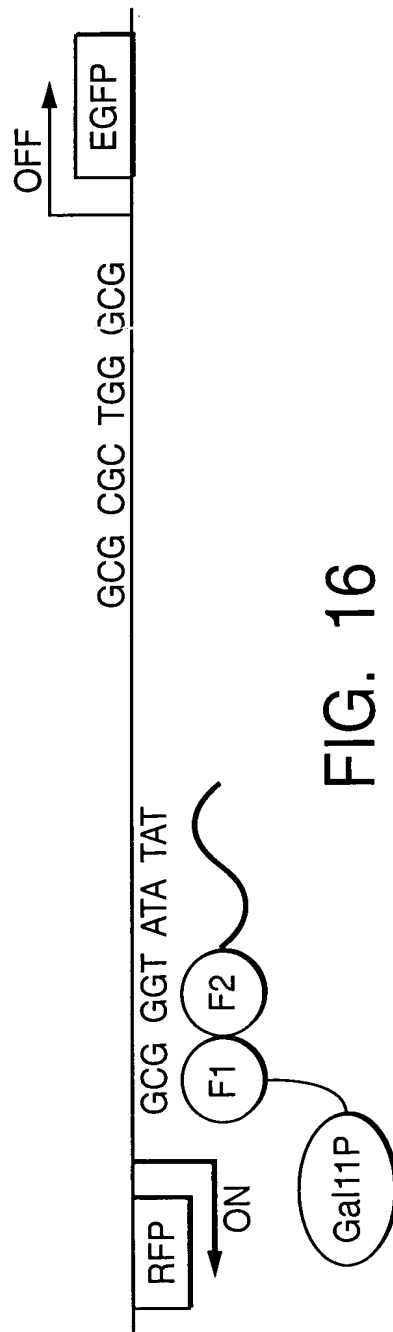
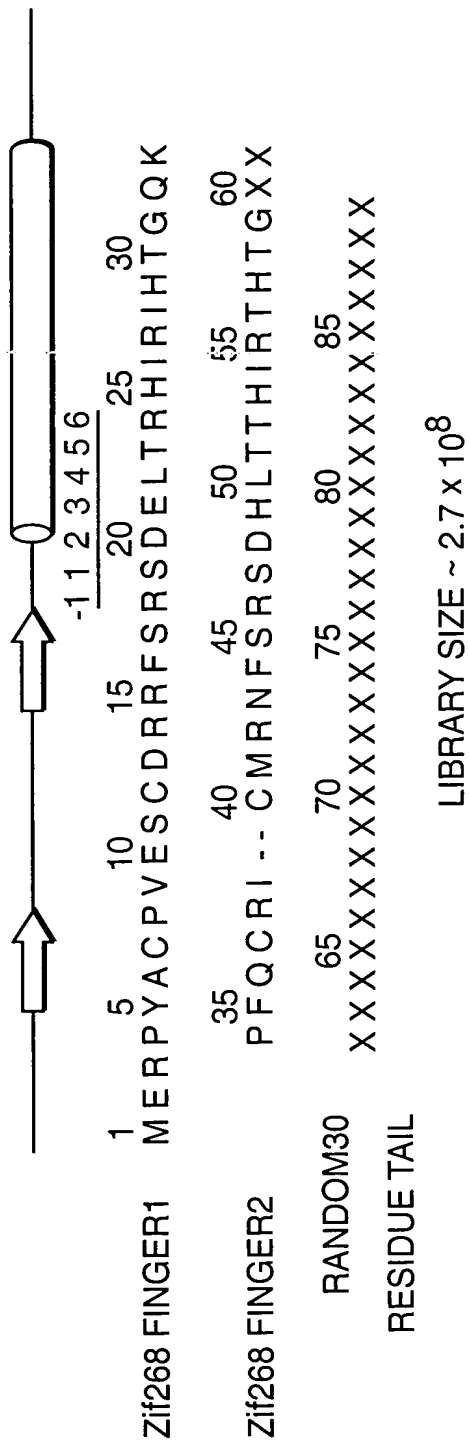


FIG. 16

204020" 29206660

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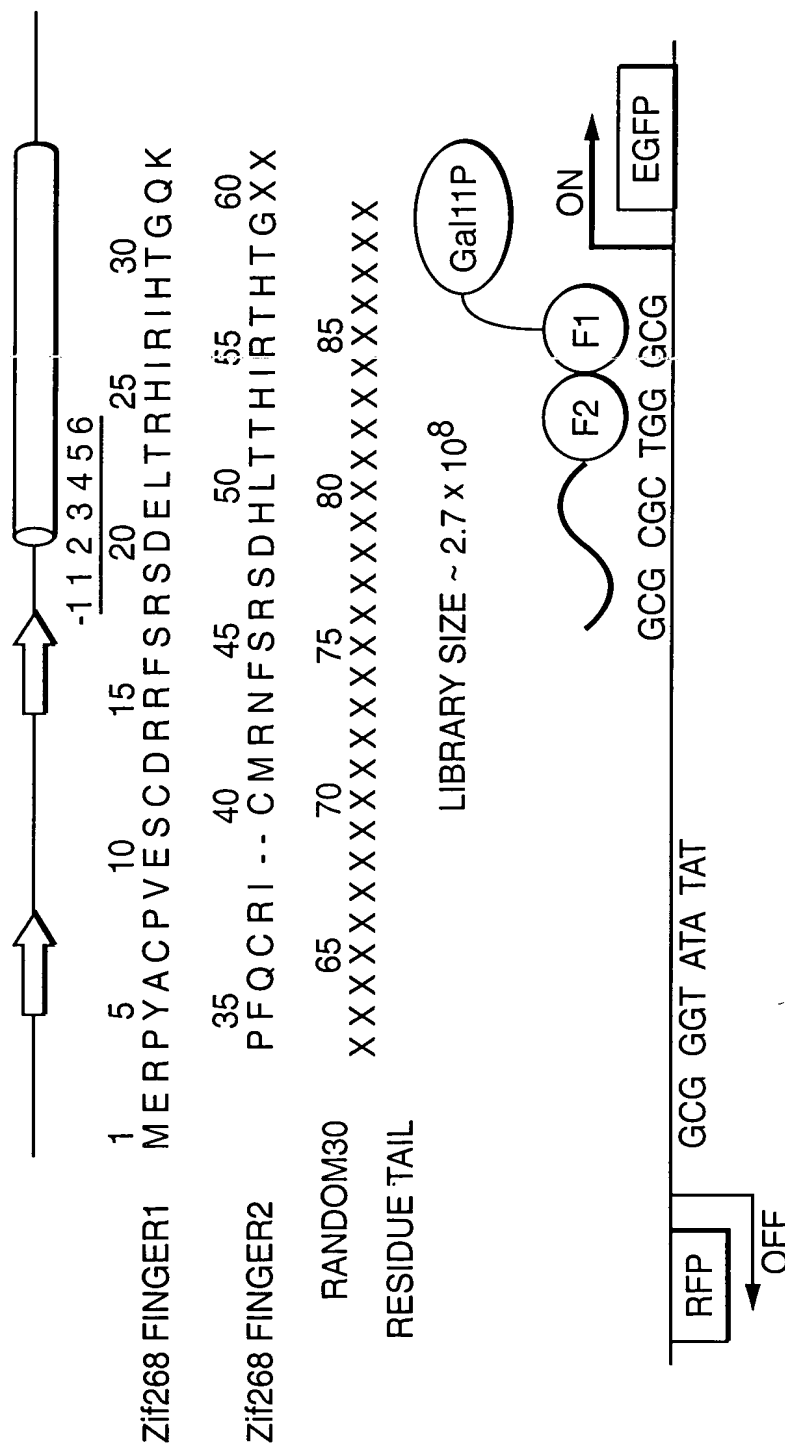
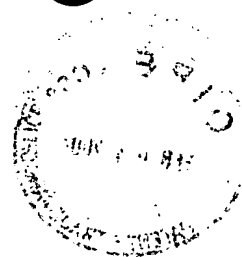


FIG. 17